

Compliance Assessment Report CAR_NRW0046415

Permit being assessed: AB3096CP.

For: Lamby Way Open Windrow Composting Facility, **held by:** Welsh Water Organic Energy (Cardiff) Limited

At: Lamby Way, Rumney, Cardiff, CF3 4EQ.

Type of assessment: Report/Data Review,

Reason: Routine.

On: 31/12/2024.

Parts of permit assessed: 4.2.2..

NRW Lead Officer: Geraint Harris.

Report sent to: Contract and Relationship Manager, Contract and Relationship Manager, on 21/02/2025.

1. Summary of our findings (full details in section 4)

Part of permitted activity assessed (compliance criteria)	Assessment result	Permit condition
IR4B - Installations - Information - Reporting	Action only (X)	
IR1E - Installations - Management - Avoidance, recovery and disposal of wastes produced by the activities	Action only (X)	

Result types are explained in more detail in the 'Important Information' section below.

Total non-compliances recorded	Total non-compliance score
0	0

How we use the non-compliance score to calculate your annual fee is explained in the 'Important Information' section below.

2. What action is required?

Criteria	Action needed	Complete by
IR4B	Action 1: In the reporting form Energy 1, under the specific usage heading "Used in mobile plant on-site" is not a sufficient answer. Please resubmit this form with a suitable specific usage such as tonnes of fuel per m3 of waste treated. Due 14TH of March 2025.	14/03/2025
IR1E	Action 2: Please explain why there has been such a	28/03/2025

Criteria	Action needed	Complete by
	significant increase in the generation of residues. Due 28th of March 2025.	

Compliance criteria codes are listed in the 'Important information' section below.

3. What will happen next?

Any non-compliance we have identified and recorded on this form is an offence. It can result in criminal prosecution and/or suspension or revocation of your permit.

At this time, we do not intend to take any further action.

This statement does not stop us from taking additional enforcement action if further relevant information comes to light or offences continue.

4. Details of our assessment

Annual Returns

The annual performance reporting forms and the annual review (condition 4.2.2) were received on the 30/01/2025.

Sewer1:

The reporting of emissions to the sewer is dependent on the outcomes of improvement conditions 2 and 4, which are still ongoing. WWOE is planning on carrying out a risk assessment with the results they already have. They have enough analysis to look at the metals and a few other determinants, to progress the completion of the improvement condition. However, it is the analyses of organic-based substances which is causing issues. WWOE stated:

“One of the issues is related to the nature of the sample, if we have had a lot of rain – it’s mainly rainwater but where there has been an initial flush or volumes have been low and the sample has more solids - this is where the lab has sited issues – sample matrix unsuitable for analysis (impact on their instrumentation). DCWW lab contract is with Wessex Water and while WW were themselves carrying out CIP (Chemical investigation programme) analysis for their samples, they accepted our trade samples for analysis. They have now stopped CIP sampling and have removed some analysis from being available. We have also had issues with analysis being contracted out and timescales – there is often a wait of a couple of months before we have been advised that their subcontractors were unable to complete analysis. Going forward we have set up another lab – this is the subcontracted lab WW use – we are going to try working directly with them, as they are on the DCWW framework agreement, and can complete all the analysis.”

NRW will accept the submission of the data that WWOE has already obtained and request that an update be given on the 1st of May 2025 with regards to the remaining monitoring.

Water1:

The site’s water is fed from the main Cardiff Council site. This water meter was installed in March 2023 and recorded 168m³ of water use for the remaining part of the year. The site used 349 m³ of

mains water in 2024.

Energy1:

Electricity is used to power the office, welfare, outside lighting and the fuel dispenser on site. There is no gas supply to the site. Energy use increased slightly when compared to 2023 but is generally trending lower. The site used approximately 84.80 tonnes of fuel during 2024. This equates to 0.00347 tonnes of fuel per m³ of waste treated which is an improvement on 2023 (0.004150/m3).

Action 1: In the reporting form Energy 1, under the specific usage heading “Used in mobile plant on-site” is not a sufficient answer. Please resubmit this form with a suitable specific usage such as tonnes of fuel per m³ of waste treated. Due 14TH of March 2025.

Performance1:

The site treated more waste in 2024 than the previous year. NRW is pleased to read that the composting facility saw a reduction in the quantity of contaminated loads rejected. The generation of wastewater from the site was 9,201m³ which is less than the previous year. However, this is related to rainwater runoff from the hardstanding and so this figure is directly proportional to weather conditions. WWOE saw a big increase in the generation of residues (1,336.56 tonnes) when compared to 2023 (359.54 tonnes).

Action 2: Please explain why there has been such a significant increase in the generation of residues. Due 28th of March 2025.

Report 4.2.2.(a)

was also provided on the 19/01/2023. This has been reviewed and accepted.

Waste Returns

The quarterly waste returns for 2023 have each been received on time and are accepted.

END.

If you have any queries about this report, or to discuss completion of any actions, please contact the NRW Officer named above.

Important information

Legal status of this report

Your permit is issued to you under the Environmental Permitting Regulations. You have a responsibility to comply with the conditions of your permit and prevent pollution/harm of the environment. You must also ensure that you comply with any other relevant legislation that may apply to your site's operations.

This report explains the findings of our assessment and any action you are required to take. We categorise non-compliance using our guidance for assessing non-compliance at regulated sites.

When we find potential non-compliance/s we will normally give you advice on how to maintain compliance.

To correct non-compliance, we may:

- require you to take specific actions
- issue a notice
- review the conditions of your permit.

Any advice and guidance we give will be without prejudice to any other enforcement response that we consider may be required.

Assessment results and non-compliance categories (used in section 1):

Assessment result	Description
Assessed (A)	Assessed or assessed in part, no evidence of non-compliance found
Action only (X)	Action only relating to the activity assessment
Ongoing (O)	Ongoing non-compliance, not scored

Non-compliance category	Description	Score
C1 Major	Potential to have a major, serious, persistent and/or extensive impact or effect on the environment, people and/or property	60
C2 Significant	Potential to have a significant impact or effect on the environment, people and/or property	31
C3 Minor	Potential to have a minor or minimal impact or effect on the environment, people and/or property	4
C4 No environmental impact	Non-compliance at a regulated site that cannot foreseeably have any impact on the environment, people and/or property	0.1

How we use assessment scores

The number and severity of non-compliances recorded in a year will affect your annual subsistence fee the following year. A non-compliance factor is added to your site's Operator

Performance Risk Appraisal (OPRA) score when we calculate your fee to reflect the additional resource we use to assess permit compliance.

If your assessment result in Section 1 is suspended, what does this mean?

In line with our guidance, we may suspend scores for up to six months to allow time for remedial action to be taken. Suspended scores will be re-instated if the action is not completed.

Full list of Industry compliance criteria (used in section 1 and 2):

1. Management

- IR1A – General management
- IR1B – Finance (only applicable to Landfill)
- IR1C – Energy efficiency
- IR1D - Efficient use of raw materials
- IR1E - Avoidance, recovery and disposal of wastes produced by the activities
- IR1F - Multiple operator installations

2. Operations

- IR2A – Permitted activities
- IR2B – The site
- IR2C – Operating techniques
- IR2D – Technical requirements
- IR2E – Improvement programme
- IR2F – Pre-operational conditions
- IR2G – Landfill engineering (only applicable to Landfill)
- IR2H – Waste acceptance (only applicable to Landfill)
- IR2I – Leachate levels (only applicable to Landfill)
- IR2J – Closure and aftercare (only applicable to Landfill)
- IR2K – Landfill gas management (only applicable to Landfill)

3. Emission and Monitoring

- IR3A – Emissions to water, air or land
- IR3B – Emissions of substances not controlled by emission limits
- IR3C – Odour
- IR3D – Noise and vibration
- IR3E – Monitoring
- IR3F – Pests
- IR3G – Air quality management plans
- IR3H – Monitoring for the purposes of the Industrial Emissions Directive (this heading includes Large Combustion Plants)
- IR3I – Fire

4. Information

- IR4A – Records
- IR4B – Reporting
- IR4C – Notification

Enforcement response

Any non-compliance with a permit condition is an offence and we may take legal action against you. Action we take can include prosecution, serving a notice on you and/or

suspension or revocation of your permit. See our Enforcement and Sanctions Guidance for further information.

Data protection notice

You should make sure that anyone named in this report knows that the information it contains will be processed by Natural Resources Wales to fulfil its regulatory and monitoring functions and to maintain the relevant public register(s).

We may also use and/or disclose the report in connection with:

- offering or providing you with our literature or services relating to environmental matters
- consulting with the public, public bodies and other organisations (e.g. Health and Safety Executive, local authorities) on environmental issues
- carrying out statistical analysis, research and development on environmental issues
- providing public register information to enquirers
- investigating possible breaches of environmental law
- assessing customer service satisfaction and improving our service
- Freedom of Information Act or Environmental Information Regulations requests.

We may also pass it on to our agents or representatives to do these things on our behalf.

Disclosure of information – this report will be available to view on-line

If you think this report contains commercially confidential information that should not be placed on our public register, you must contact your local Natural Resources Wales office within **fifteen working days** of receiving this report, using the contact details in the accompanying email or letter. You must give a full explanation of why it should not be added to our public register, including specifying which information is commercially confidential. We will assess your request and respond to you within twenty working days to let you know if we agree to your request.

What do I do if I disagree with the report or have a complaint?

If you disagree with this compliance assessment report, you should contact the lead officer without delay to discuss your concerns.

If you are unable to resolve the issue with the lead officer or their line manager you should contact our Customer Contact team on 0300 065 3000 (Monday to Friday 08:00 to 18:00), or email enquiries@naturalresourceswales.gov.uk for details of how to raise your dispute further through our Complaints and Commendations procedure.

If you are dissatisfied with our response, you can contact the Public Services Ombudsman for Wales by phone on 0300 7900203 or by email at ask@ombudsman.wales

Welsh Language Standards

We are committed to establishing Natural Resources Wales as a naturally bilingual organisation. We will provide compliance reports in your preferred language.